


**REPELLENT AGAINST FIBER INSECT PEST AND METHOD FOR
REPELLING INSECT PEST**

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Abstract of JP 7112907 (A)

PURPOSE: To obtain a repellent against fiber insect pests which may be used in a smaller amount than that for larvae of the fiber insect pests due to only its amount sufficient to repel the insect pests without requiring the use until pharmacological effects on the insect pests are manifested as in a conventional insect repellent. **CONSTITUTION:** This repellent against fiber insect pests contains a terpenic compound such as linalool, geraniol, borneol, nerolidol, nerol, alpha-terpineol, perillaldehyde, citral, camphor, alpha-ionone, 1,8-cineole, linalool oxide or citral diethyl acetal as an active ingredient. Furthermore, the characteristic of this method for repelling fiber insect pests comprises applying the repellent against the fiber insect pests to textile products.

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TI - Fibrous insect pest repellent contg. terpene cpd. - useful for e.g. clothes moth, carpet beetle, etc.

AB - A fibre insect pest repellent contains a terpene type cpd. as an active ingredient. A method for repelling fibre insect pest, involves applying the repellent to a fibre prod.
The terpene type cpd. is pref. selected from linalool, geraniol, borneol, nerolidol, nerol, alpha-terpineol, perillaldehyde, citral, camphor, alpha-ionone, 1,8-cineol, linalool oxide, or citral diethyl acetal.

- USE/ADVANTAGE :
The repellent is useful for insects such as a clothes moth, carpet beetle, and museum beetle etc. The repellent can be used in a smaller amt.
In an example, a fibre insect pest repelling test (the imago invading ratio was obt'd.) was carried out on the following substances: 1. linalool (impregnation deg. 0.0%), 2. geraniol (impregnation deg. 30.8%), 3. borneol (impregnation deg. 29.4%), 4. nerolidol (impregnation deg. 46.6%), 5. nerol (impregnation deg. 53.8%), 6. alpha-terpineol (impregnation deg. 50.0%), 7. perillaldehyde (impregnation deg. 0.0%), 8. citral (impregnation deg. 56.3%), 9. (impregnation deg. 47.4%), 10. camphor, alpha-ionone (impregnation deg. 46.7%), 11. 1,8-cineol (impregnation deg. 45.5%), 12. linalool oxide (impregnation deg. 18.2%), and 13. citral diethyl acetal (impregnation deg. 6.7%).

IW - FIBRE INSECT PEST REPEL CONTAIN TERPENE COMPOUND USEFUL CLOTHING MOTH CARPET BEETLE

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